

ANTIMICROBIAL AND DEODORIZING FIBROUS SHEET AND ITS PRODUCTION

Patent number: JP9143872
Publication date: 1997-06-03
Inventor: SOGAWA KENGO
Applicant: TOGAWA IND KK
Classification:
- **international:** D06M11/46; A61L9/16; D06M11/77; D06M23/08
- **european:**
Application number: JP19950328067 19951122
Priority number(s):

Abstract of JP9143872

PROBLEM TO BE SOLVED: To obtain an antimicrobial and deodorizing fibrous sheet excellent in effect sustainability by applying a coating agent that contains antimicrobial and deodorizing ceramic powder and antimicrobial metallic powder to the surface of a fibrous base material, and then curing the coating agent.

SOLUTION: This method for obtaining an antimicrobial and deodorizing fibrous sheet comprises dispersing at least one kind of antimicrobial and deodorant ceramic powder selected from a group of silicon dioxide-, alumina-, titania-, zirconia- and ferrite-based ceramics, and at least one kind of antimicrobial metallic powder selected from a group of gold, silver and copper in a solvent such as water or an alcohol, adding a binder resin to the resultant dispersion, thus preparing a ceramic coating agent, coating the ceramic coating agent on a fibrous base material such as a nonwoven fabric by photogravure printing system, and curing the coating at room temperature.

Data supplied from the esp@cenet database - Worldwide